



west virginia department of environmental protection

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MEMORANDUM

To: Beverly D. McKeone, PE

From: Steven R. Pursley, PE *SAP*

Date: February 27, 2017

Subject: PD17-013

On February 16, 2017, Greer Lime Company submitted a request for a permit determination to the WVDAQ. The request involved the addition of an SNCR system to control NO_x emissions from their existing lime kiln. Generally, SNCRs reduce emissions of NO_x from combustion units without creating or increasing any other pollutants from the exhaust stream. Typically, the only emissions associated with SNCR units themselves are from material handling of the reagents. However, Greer has proposed using a liquid urea solution (as opposed to a dry powder) as the reagent. So there would be no emissions from the handling of the reagent.

Since there will be no increase in emissions from the facility (in fact there will almost certainly be a decrease in NO_x associated with the project) and there will be no additional rule applicability triggered by this change, no permit modification is required.